

HAER
MD
16-CABJO
1-

Cabin John "Aqueduct" Bridge
MCARTHUR BLVD, SPANNING CABIN
JOHN CREEK AND PARKWAY
CABIN JOHN
MONTGOMERY COUNTY
MARYLAND

HAER No. MD-53

P H O T O G R A P H S
A N D
W R I T T E N D E S C R I P T I O N S

HISTORIC AMERICAN ENGINEERING RECORD
NATIONAL PARK SERVICE
P.O. BOX 37127
WASHINGTON, D.C. 20013-7127

STATE	COUNTY	TOWN OR VICINITY	
Maryland	Montgomery	Glen Echo	16-CABJO 1-

HISTORIC NAME	HAER NO.
Cabin John "Aqueduct" Bridge	MD-53

SECONDARY OR COMMON NAMES

NONE

COMPLETE ADDRESS (DESCRIBE LOCATION FOR RURAL AREAS)

MacArthur Boulevard over Cabin John Creek and Parkway

DATE OF CONSTRUCTION ENGINEER, BUILDER, OR FABRICATOR

1853-1864 Montgomery C. Meigs

SIGNIFICANCE (TECHNOLOGICAL AND HISTORICAL, INCLUDE ORIGINAL USE)

"The 220-foot span of its single arch made it the longest of masonry construction until the concrete arches of the twentieth century." (Condit) According to HAER inventory card it was the longest to 1903.

STYLE (IF APPROPRIATE)

NOT APPLICABLE

MATERIAL OF CONSTRUCTION (INCLUDE STRUCTURAL SYSTEMS)

STONE

SHAPE AND DIMENSIONS (SKETCHED FLOOR PLANS ON SEPARATE PAGES ARE ACCEPTABLE)

EXTERIOR FEATURES OF NOTE "101 feet above the creek, the arch ring, four feet deep at the crown, and six feet at the springing, is of granite; the infilling for some distance beyond the arch ring is carefully laid with radial joints to increase the strength. Built to bring water into the District of Columbia, it is now used for a road as well." (HAER inventory card)

INTERIOR FEATURES OF NOTE (DESCRIBE MECHANICAL SYSTEMS, MACHINERY OR EQUIPMENT)

NONE

MAJOR ALTERATIONS AND ADDITIONS WITH DATES

ROAD SURFACE (?)

PRESENT CONDITION AND USE

excellent, roadway and aqueduct

OTHER INFORMATION AS APPROPRIATE

SOURCES OF INFORMATION (INCLUDING LISTING ON NATIONAL REGISTER, PROFESSIONAL ENGINEERING SOCIETY LANDMARK DESIGNATIONS, ETC.)

HAER inventory card

Condit, Carl "American Building Art: The Nineteenth Century" (New York, 1960)

COMPILER, AFFILIATION

DATE

Bill Lebovich, HAER

9/23/87

ADDENDUM TO
CABIN JOHN AQUEDUCT BRIDGE
McArthur Boulevard Spanning Cabin John Creek
Glen Echo
Montgomery County
Maryland

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XEROGRAPHIC COPIES OF COLOR TRANSPARENCIES

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Washington, D.C. 20013

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